Network Control Module

NCM300

Description

The Network Control Module (NCM) is the main processor in the NCU. Fully user-programmable, it is responsible for supervisory control activities for the points and control loops connected to the NCU and all NEUs and application specific controllers with which it communicates on its local buses.

You choose your NCM's configuration, whether as a standalone controller, a node on the N1 LAN working in concert with other NCMs, or as a connectivity device. In this connectivity application, the NCM can bring other, non-Johnson Controls systems under Metasys control or interface Metasys to a host system. The battery-backed memory of the NCM stores application programs, user data bases, and point histories. The NCM includes features to coordinate system-wide efficiency, keeping you informed and in control while ensuring occupant safety and comfort.

Features

- fast, efficient communication between other NCMs and the Operator Workstation to provide for point sharing and building-wide interlocks
- modular design that provides for easy and quick installation
- battery-backed memory that saves the NCM's programming in case of power outage
- collects and stores data on historical trends, equipment runtime, and energy consumption, making this information immediately accessible to an operator at the workstation
- LED indicators on front of panel supply evidence of the module's condition and help determine if the module is functioning properly
- NCM350 can support connection to an ETHERNET N1 LAN or ARCNET N1 LAN

To Order

Contact your local Johnson Controls Representative.

Accessories

Code Number	Description
NU-NET101-0	**N1 ARCNET LAN Card for NCM300/350**
NU-NET301-0	N1 ETHERNET LAN Card for NCM350
MM-CVT101-0	RS-232 to RS-485 Converter
TTM101-0	Table Top Modem (JCI Proprietary Line)
TTM102-0	Table Top Modem (Leased Line)
TTM103-0	Table Top Modem (JC/LINK Generic Bridge)

Selection Chart

Code Number	Description
NU-NCM350-8	Network Control Module 350 with 8 MEG Memory

Repair Parts

Code Number	Description
NCM200 and NCM300	
NU-NCM201-701	Repair part for NCM200
NU-NCM300-701	Repair part for NCM300
NU-NCM350-701	Repair part for NCM350-1
NU-NCM350-708	Repair part for NCM350-8
NU-PWR300-0	Replacement Power Supply, NCM300/350
NU-BAT300-0	Replacement Battery Pack, NCM300/350

Specifications

	NCM300/350
Power Requirements	90 to 240 VAC, 670 to 250 mA, 50/60 Hz
Power Consumption	60 VA (maximum), 25 VA (typical) at 50/60 Hz
Memory Options	8 Mb standard with NCM350-8
Dimensions	12.4 in. H x 6.0 in. W x 5.5 in. D (32 x 15 x 14 cm)
Shipping Weight	4.2 lb (1.9 kg)
Ambient Operating Conditions	32 to 122°F (0 to 50°C) 10 to 90% RH
Ambient Storage Conditions	32 to 122°F (0 to 50°C) 10 to 90% RH
Agency Compliance	FCC Part 15 Class A
Agency Listing	UL 916 Listed CSA C22.2 Certified Meets EMC directive 89/336/EEC UL 864 Listing in process CUL 527 Listing in process